

PASSAIC RIVER STUDY AREA
POTENTIALLY RESPONSIBLE PARTIES
SEPTEMBER 1993

SDMS Document



84337

NAME OF PRP:

Revere Smelting and Refining Corp.

FACILITY ADDRESS:

383 Avenue P
Newark, New Jersey

LOCATION:

River Mile: -0.1
Reference Map Number: 54

PROCESSES UTILIZED:

Lead reclamation, brass and copper smelting and refining

DISCHARGE:

- 01/15/70 through 02/13/70 - A 10-inch concrete pipe was discharging industrial liquid acid waste to Plum Creek which flows into Passaic River. [PVSC Stream Contamination Reports]

PROBABLE HAZARDOUS SUBSTANCES:

- Lead
- Copper
- Acids
- Zinc
- Metals

RIVER SAMPLES: Sample 99, collected 1200 feet across the Passaic River from the Plum Creek Outfall, contained concentrations of lead, copper and zinc in exceedence of NOAA criteria.

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STREAM POLLUTION REPORT

DISTRICT NO. 10

DATE Jan 15, 1970 TIME A.M. WEATHER Fair-cold

COMPANY NAME

Revere Smelting & Refining Corp.

383 Avenue P.

ADDRESS

Newark, N.J. 07105

TEL. 642-4438

NAME & TITLE OF PERSON CONTACTED

Howard W. Meyers

NATURE OF BUSINESS

Reclaimed lead

NO. OF RIVER OUTLETS

10" concrete pipe discharge into Plum Creek.

METHOD OF WASTE DISPOSAL

VIOLATION

Industrial by acid waste

1. COLOR

Dark grey

2. ODOR

Not detected

3. TURBIDITY

Dark grey sediment

4. COLLECTION OF RIVER BANKS

5. SURFACE SCUM, FOAM OR OIL

None

6. APPROXIMATE DISTANCE EXTENDING INTO RIVER WIDTH AND UPSTREAM
OR DOWNSTREAM

X

7. REACTION WITH TEST PAPER

8. SAMPLE

No sample due to ice & snow

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Remarks:

Mr. Meyers was not available when
I called. From all appearances, discharge
continues to flow into Plum Creek, unable
to sample due to ice + snow.

Respectfully,
John K. McLaughlin

843370003

STREAM POLLUTION REPORT

DISTRICT NO. 10

DATE Jan. 26-30, 1970 TIME _____ WEATHER _____

COMPANY NAME Revere Smelting & Refining Corp.
383 Avenue P

ADDRESS Newark, N.J. 07105
TEL. 642-4438

NAME & TITLE OF PERSON CONTACTED Thomas W. Higgins

NATURE OF BUSINESS Reclaimed lead

NO. OF RIVER OUTLETS 10" concrete pipe discharge into Plum Creek

METHOD OF WASTE DISPOSAL _____

VIOLATION Industrial liquid waste

1. COLOR Dark gray

2. ODOR Not detected

3. TURBIDITY Dark gray sediment

4. COLLECTION ON RIVER BANKS —

5. SURFACE SCUM, FOAM OR OIL None

6. APPROXIMATE DISTANCE EXTENDING INTO RIVER WIDTH AND UPSTREAM
OR DOWNSTREAM —

7. REACTION WITH TEST PAPER —

8. SAMPLE No samples - icy conditions along banks of creek.

843370004

Remarks:

Discharge continues to flow intermittently into Platts Creek. Acid discharge flows through lime stone, however control is not properly regulated, purely guess work.

Respectfully,

John K. McLaughlin

In conversation with Mr. Meyers on Feb 4, 1970 he informed me that all necessary material for installation of treatment facility has now been received with improvement of weather, construction can be expected to begin.

John

843370005

STREAM POLLUTION REPORT

DISTRICT NO. 10

DATE Feb 9-13, 1970

TIME

Time & date
2-13-70
11:30 A.M.

WEATHER

COMPANY NAME

Revere Smelting & Refining Corp.
383 Avenue P

ADDRESS

Newark, N.J. 07105
TEL. 642-4438

NAME & TITLE OF PERSON CONTACTED

Howard M. Myers

NATURE OF BUSINESS

Reclaimed lead

NO. OF RIVER OUTLETS

1 outlet to Plum Creek

METHOD OF WASTE DISPOSAL

-

VIOLATION

Industrial waste discharge into Plum Creek

1. COLOR

Gray opaque

2. ODOR

Not detected

3. TURBIDITY

Slight gray turbidity + sediment

4. COLLECTION ON RIVER BANKS

Visible

5. SURFACE SCUM, FOAM OR OIL

None visible

6. APPROXIMATE DISTANCE EXTENDING INTO RIVER WIDTH AND UPSTREAM
OR DOWNSTREAM -

7. REACTION WITH TEST PAPER

pH 7.3

8. SAMPLE

1st. sample taken Feb. 13, 1970, 11:15 A.M. Temp 35°F.

843370006

Remarks:

Industrial liquid waste continues to
discharge into Plum Creek.

Respectfully,

John W. McLaughlin

843370007

PASSAIC VALLEY SEWERAGE COMMISSIONERS
DEPARTMENT OF SANITATION CONTROL

LABORATORY REPORT

STANDARD METHODS OF ANALYSIS A.P.H.A.

RESULTS EXPRESSED IN PARTS PER MILLION (p.p.m.)

DATE OF SAMPLE Feb. 13, 1970 TIME 11:15 A. M. SAMPLE NO 36

SAMPLE OF Revere Smelting Co., into Passaic River, Newark, N. J.

J. K. Mc Laughlin

TOTAL SOLIDS:—		BIOCHEMICAL OXYGEN DEMAND (B.O.D.)	
TOTAL MINERAL		TURBIDITY	305 wp
TOTAL VOLATILE		CHLORINE RESIDUAL	
SOLUBLE SOLIDS:—		COLIFORM (B. coli per ml.) M.P.N.	
SOLUBLE MINERAL		FLAMMABLE	
SOLUBLE VOLATILE		EXPLOSIMETER READING (PERCENT)	
SUSPENDED SOLIDS:—	170 vo	SETTLEABLE SOLIDS (mls. Per Liter)	
SUSPENDED MINERAL	162 vo	pH	7.3 vo
SUSPENDED VOLATILE	8 vo	TEMPERATURE	35° F.
ORGANIC NITROGEN			
AMMONIA NITROGEN			
NITRITE NITROGEN			
NITRATE NITROGEN			
TOTAL NITROGEN			
CHLORIDES AS CHLORINE	40 wp		
ALKALINITY AS CaCO ₃			
OXYGEN CONSUMED (C.O.D.)	60 wp		
DISSOLVED OXYGEN (D.O.)			

REMARKS:

Dark gray opaque oily liquid.
Oily odor.
Slight gray sediment.

Alfred K. Kelly

843370008

February 14, 1972

Revere Smelting & Refining Company
Avenue F
Newark, New Jersey

Gentlemen:

Re: Administrative Order to Abate Water
Pollution, August 15, 1969,
Revere Smelting & Refining Company
City of Newark

As a consequence of an inspection and sampling of your company's operations by a representative of this office on December 2, 1971, it was determined that the deficiencies which have prompted our initiation of the captioned order have been corrected.

We would appreciate being advised of your firm's schedule for abandoning operations in the City of Newark.

Very truly yours,

Douglas M. Clark
Supervising Environmental Engineer

6218:66

c.c. Passaic Valley Sewerage Commissioners

843370009

Revere Smelting & Refining Corp., 383 Avenue P, Newark, N.J.
September 16, 1969. (J. McLaughlin)

This company has an operation wherein old storage batteries are junked. When the storage batteries are broken-up at an outdoors disassembly platform, acid flows across the ground into yard drains which reach Plum Creek, a tributary of the Passaic River. There is an attempt to neutralize with lime pebbles along the ground, however, this is completely inadequate and the material as it reaches the stream is polluting. On September 29, Mr. Lubetkin wrote this company directing that they cease pollution at once. In a return mail, dated October 12, 1969, the Commissioners were informed that this company intended to install a large holding tank where the product would be caught, neutralized and treated before discharging to the stream. They also intended to connect into the Newark Sewer, as soon as it was available in this area, but the neutralization tank would be repaired prior to the Newark connection. As of the end of 1969, the tank was on order but had not arrived and pollution was still occurring although an attempt is being made by the company to neutralize with lime.

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